



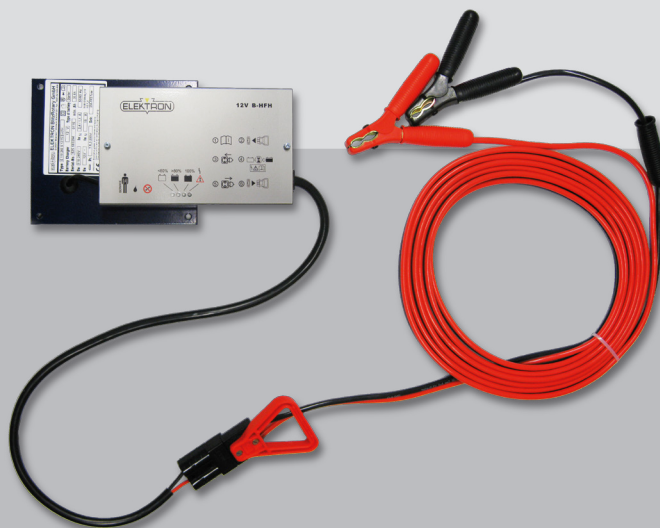
# **Battery Service 2017**

09.2017

# ELEKTRON

Made in  
Germany

## EL20 and EL20-M



The new superior class trickle charger – for lifts and other work places.  
Charging with the IU0U characteristics.

- ▼ Most modern high frequency technology: for unlimited trickle charging at your work place during service and repair
- ▼ Fully automatic charging: careful charging with automatic control of optimum charging current
- ▼ Damage to batteries are impossible
- ▼ Maximum flexibility: 6 m charging cable enables you to access the battery at any position in the vehicle
- ▼ Designed for all well-established types of starter batteries: Wet, EFB, Gel, Fleece, AGM, Lead-Calcium

The EL20 charger is designed for integration into Rotary two-post lifts (operating panel).

The EL20-M charger can be placed with its permanent magnet to a variety of different work places.

	EL20   Part number: 520112	EL20-M   Part number: 520113
Rated charging voltage	12 V	12 V
Charging current max.	20 A	20 A
Characteristic	IU0U	IU0U
Length of charging cable	6000 mm	6000 mm
Protection Class	IP 20	IP 20
Weight	2.0 kg	2.0 kg
Dimensions (W x H x D)	177 x 104 x 55 mm	177 x 104 x 55 mm

# ELEKTRON

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Germany

## HS 12/24-35 Charging Technology



- ▼ High frequency charger
- ▼ Designed for all well-established types of starter batteries: Wet, EFB, Gel, Fleece, AGM, Lead-Calcium, and Li-Ion
- ▼ These chargers deliver permanently the rated current at 12 V 35 A and at 24 V 35 A.
- ▼ This generation of chargers is designed specially to cope with the demands of workshops and OE's in an exceptional way.
- ▼ LED Display
- ▼ 3 m charging cable with fully isolated clamps
- ▼ 2 m main cable
- ▼ IU0U characteristics

Part number: 520553

# ELEKTRON

Made in  
Germany

## HS 12/24-50 Charging technology



- ▼ High frequency charger
- ▼ Designed for all well-established types of starter batteries: Wet, EFB, Gel, Fleece, AGM, Lead-Calcium, and Li-Ion
- ▼ These chargers deliver permanently the rated current at 12 V 50 A and at 24 V 50 A. This is particularly important for flashing control units of new vehicle generations.
- ▼ This generation of chargers is designed specially to cope with the demands of workshops and OE's in an exceptional way.
- ▼ LED Display
- ▼ 3 m charging cable with fully isolated clamps
- ▼ 2 m main cable
- ▼ IU0U characteristics

Part number: 520111

# ELEKTRON

Made in  
Germany

## HS 12/24-50D Charging technology



- ▼ High frequency charger
  - ▼ Designed for all well-established types of starter batteries: Wet, EFB, Gel, Fleece, AGM, Lead-Calcium, and Li-Ion
  - ▼ These chargers deliver permanently the rated current at 12 V 50 A and at 24 V 50 A. This is particularly important for flashing control units of new vehicle generations.
  - ▼ This generation of chargers is designed specially to cope with the demands of workshops and OE's in an exceptional way.
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- ▼ LED Display
  - ▼ 3 m charging cable with fully isolated clamps
  - ▼ 2 m main cable
  - ▼ IU0U characteristics
  - ▼ Desulfating mode

Part number 520552

# ELEKTRON

Made in  
Germany

## HS 12/24-120 Charging technology



- ▼ The new HS charger generation is an all-rounder. They have the most modern multi-resonant-converter technology and gain an efficiency of 97% by this.
  - ▼ Designed for all well-established types of starter batteries: Wet, EFB, Gel, Fleece, AGM, Lead-Calcium, and Li-Ion.
  - ▼ These chargers deliver permanently the rated current at 12 V 120 A and at 24 V 60 A. This is particularly important for flashing the control units of new vehicle generations.
  - ▼ This generation of chargers was designed specially to cope with the demands of workshops and OE's in an exceptional way.
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- ▼ Touch display operation
  - ▼ 5 m charging cable with fully isolated clamps
  - ▼ 5 m main cable
  - ▼ IU0U characteristics
  - ▼ Support mode for changing vehicle battery
  - ▼ Desulfating mode
  - ▼ Setting of the voltage in 12V mode in steps of 0,1 V

Part number 520550





Made in  
Germany

## HS 12/24-120B Charging technology



- ▼ The new HS charger generation is an all-rounder. They have the most modern multi-resonant-converter technology and gain an efficiency of 97% by this.
  - ▼ Designed for all well-established types of starter batteries: Wet, EFB, Gel, Fleece, AGM, Lead-Calcium, and Li-Ion.
  - ▼ These chargers deliver permanently the rated current at 12 V 120 A and at 24 V 60 A. This is particularly important for flashing the control units of new vehicle generations.
  - ▼ This generation of chargers was designed specially to cope with the demands of workshops and OE's in an exceptional way.
- 
- ▼ Touch display operation
  - ▼ 3 m charging cable with fully isolated clamps
  - ▼ 2 m main cable
  - ▼ IU0U characteristics
  - ▼ Support mode for changing vehicle battery
  - ▼ Desulfating mode
  - ▼ Setting of the voltage in 12V mode in steps of 0,1 V

**Part number 520598**



## ACCUMETER S500D



The starter battery is still the main reason for many car breakdowns.

With well-known automotive manufacturers and battery suppliers we intensively worked on the solution:

The high current load test - simulation of a heavy starting process - still is the best way to check a starter battery, especially for those batteries with a high cold cranking current level.

Not only used but also new batteries need to be checked in case of warranty claims. It is very important for the customer, the work shop and the manufacturer that only defective batteries are returned.

- ▼ Our battery tester checks for testability and state of charge.
- ▼ Cell short circuits and defective cell connectors will be discovered.
- ▼ The regulator test checks and records the charging voltage of the alternator.
- ▼ The vehicle battery stays connected during the test, no de-installation of the battery for testing, no damage to the battery, no loss of vehicle data.
- ▼ The printer uses standard printing paper.

Cold cranking current (per DIN 43 539 T2 and EN or SAE as well)	80 – 499 A
Load current (Range 80 – 379 A)	250 A
Load current (Range 380 – 499 A)	500 A
Operational temperature	-5 up to +45 °C
Printer	Integrated
Weight	8 kg
Dimensions (W x D x H)	365 x 230 x 210 mm

Part number 515724